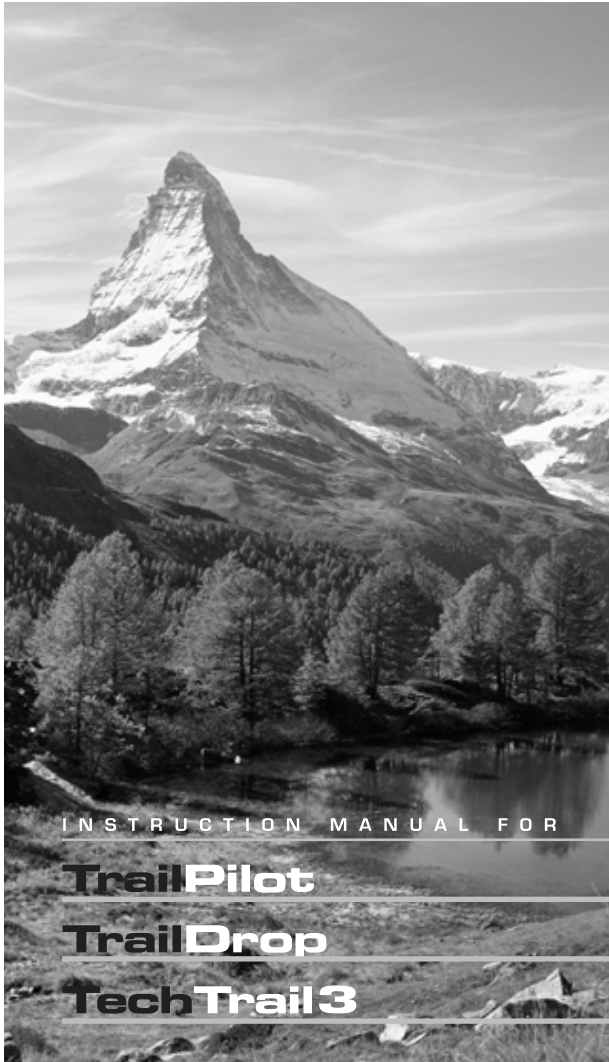
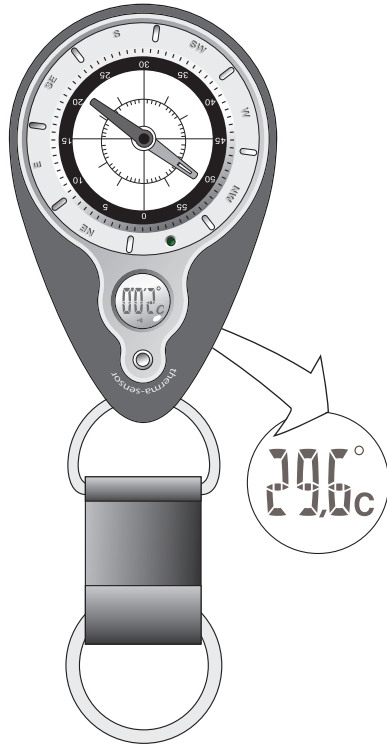


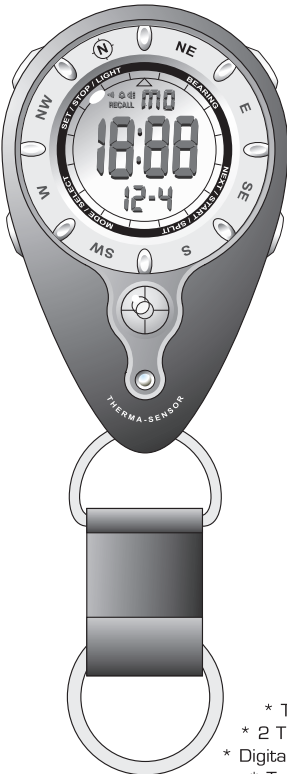


TrailPilot



- Features:**
- * Analogue Compass
 - * Temperature Readout
 - * Rotating Navigation Bezel
 - * Thermo Sensor Technology
 - * Keychain + Lanyard
- * Press side button to toggle between °F & °C
Model No.: 20001

TrailDrop

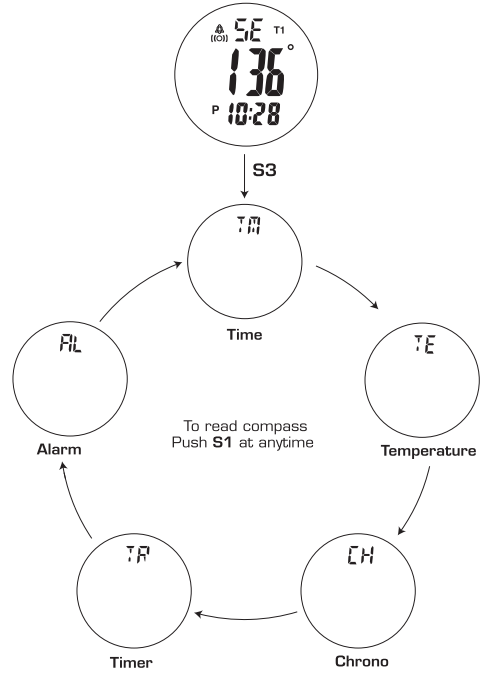
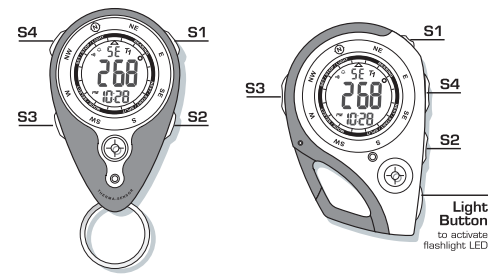


- Features:**
- * Time/Date
 - * 2 Time Zones
 - * Digital Compass
 - * Temperature
 - * Chronograph
 - * Timer
 - * Two Alarms
 - * Level Bubble
 - * Backlight
 - * Navigation Bezel
- * Keychain Ring with Lanyard
Model No.: 20002

Tech Trail3



- Features:**
- * Digital Compass
 - * Time/Date
 - * 2 Time Zones
 - * Timer
 - * 2 Alarms
 - * Temperature
 - * Chronograph
 - * Backlight
 - * Navigation Bezel
 - * L.E.D. Flashlight
 - * Level Bubble
 - * Carabiner Clip
- Model No.: 20009**



How to Use Electronic Compass Feature:

Press S1 to take compass reading. For accurate reading, make sure to level the compass using leveling bubble.

Caution: The Digital Compass function is very sensitive to magnetic and electric fields. The direction will be affected by nearby magnetic or electronic devices.

Calibration: Allows user to align the Compass magnetic sensor with the earth's magnetic field so that the Compass can detect correct direction. With the declination angle added, magnetic North will be adjusted by the clockwise shift or anticlockwise shift of this angle, giving you the true North reading. The range of declination angle is 00° E to 99° E and 00° W to 99° W. The declination angles for major world cities are listed below:

Declination: The difference in degrees, or angle, between true North and magnetic North.

True North: Also known as geographic North, this is map North (North Pole).

Magnetic North: The geographical region toward which all magnetic needles point. This point is 1300 miles south of true North.

(This is why it's important to calibrate!)

City	Declination Angle
Anchorage	22° E
Atlanta	4° W
Bombay	1° W
Boston	16° W
Calgary	18° W
Chicago	9° W
Denver	10° E
Jerusalem	3° E
London	4° W
Little Rock	3° E
Livingston, MT	14° E
Munich	1° E
New York City	14° W
Orlando	5° W
Oslo	2° W
Paris	2° W
Rio De Janeiro	21° W
San Francisco	15° E
Seattle	19° E
Shanghai	5° W
Toronto	11° W
Vancouver	20° W
Washington DC	10° W
Waterbury, CT	14° W

To locate declination angle in your city not listed in this chart, go to www.ngdc.noaa.gov.

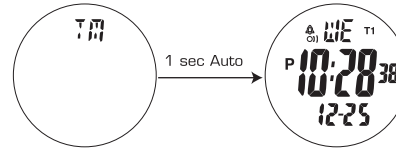
How to Calibrate Compass:

- * Press S1 to enter compass mode, then press and hold S4, "CAL" will be displayed.
- * Holding the unit on a flat surface, rotate the unit three times, 360°, each time at least 15 sec per turn, then press S4.
- * Set the flashing digits in 00 degree to the declination in your area (S2 is for adjusting and S3 is for selecting), after the setting is complete, press S4 to fix.
- * To exit to another mode press S3.

Time Mode

Normal time mode displays hour, minute, second, month, date and day of the week. You can toggle between 12hr and 24hr time display. Also, you can select two time zones, "T1" and "T2".

- * Press S3 to show "TM".
- * Press S2 for 3 seconds to switch from "T1" to "T2".
- * Press S4 for 3 seconds to make adjustment; the digits start to flash, then press S3 to select the position. When digits are flashing, press S2 to adjust the seconds, minutes, hours, date, month, day of the week and year, and to toggle between 12hr or 24hr time display. After the setting is complete, press S4 to fix it.



Temperature Mode

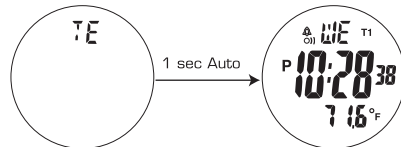
You can toggle between °F or °C display. Also you can offset the displayed temperature ± 5 degrees from the detected temperature. For example, if TrailDrop shows 25° C (detected temperature) and another thermometer shows 20° C, then you can set TrailDrop to show 23° C (displayed temperature); and from then onwards, displayed temperature is offset by - 2° C from the detected temperature.

- * Press S2 for 3 seconds to toggle between °F or °C display.

How to Offset Temperature:

Press S4 for 3 seconds to start the offsetting process, the digits

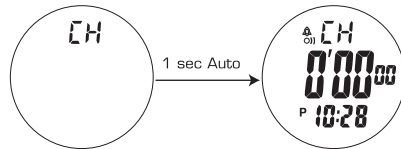
start to flash. Press S2 to adjust and press S3 to select. After the setting is complete, press S4 to fix it.



Chronograph Mode

The chronograph counts up in 1/100 sec resolution with working range of 24 hours.

- * Press S3 to "CH" chronograph mode.
- * Press S2 for start/split operation. "SPL" will be shown when split is selected.
- * Press S4 to stop the running chronograph, or to reset the stopped chronograph back to Zero.



Timer Mode

Timer mode presents the count down time at the upper row and the current time at the lower row.

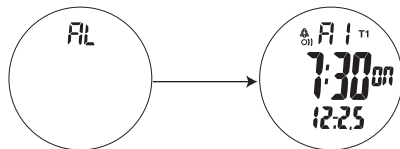
- * "CS" - Count Down Stop
- * "CR" - Count Down Repeat
- * "CU" - Count Down Up

Working range of the timer is 24 hours with the resolution of 1 second.

To Operate Timer Mode:

- * Press S3 to Timer mode "TR".
- * Press S4 for 3 seconds to start setting timer time and timer function, the digits start to flash.

- * Press S3 to switch between seconds, minutes and hours, press S2 to adjust to desired numbers. Press S3, when "CS" is flashing, press S2 to change to "CR" or "CU" or remain with "CS" mode.
- * Press S4 to exit setting, then press S2 to start timer and S4 to stop.

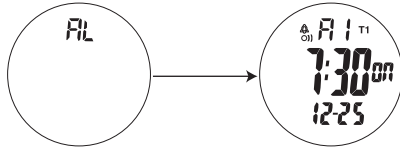


Alarm Mode Displays Hour and Minute Alarm Setting

Displays to set to desired hour and minute alarm. The alarm sound repeats everyday if the alarm mark is "on" position.

There are two alarms, "A1" and "A2".

- * Press S3 to "AL" mode.
- * Press S2 to select "AL" (chime), "A1" (alarm 1) and "A2" (alarm 2).
- * Press S2 for 3 seconds to toggle the alarm mark and chime mark (ON "on" shown) or OFF ("-" shown). When the chime mark is ON, there is a beep sound every hour and a confirmation key tone every time a button is pressed.
- * In "A1" or "A2" display, press S4 for 3 seconds until the digits start flashing; then press S3 to select hour, minute, month, day and T1/T2, press S2 to adjust to desired number.
- * Press S4 to set the Alarm and exit the adjust mode.



Battery Replacement

If the LCD display or LED light is dim, replace the battery as follows:

TRAILPILOT SR1120W X 1, TRAILDROP CR2025 X 1, TECHTRAIL 3 SR636 X 2, SR2 X 2

Remark: Compass mode, EL back light and LED flash light cause large consumption of the battery power.

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One Year Limited Warranty

www.highgearusa.com